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› SinKeu Portable Power Station 600W, 296Wh/80000mAh Backup Lithium Battery Pack Bank, 110V Pure Sine Wave AC Outlet Solar Generator for Camping Emergency RV Outdoor Hurricane Supplies

SinKeu G600

SinKeu G600 Portable Power Station User Manual

Model: G600

1. INTRODUCTION

The SinKeu G600 Portable Power Station is a versatile and powerful backup lithium battery pack designed to provide reliable power for various applications. With a 296Wh capacity and 600W AC output (750W peak), it can charge multiple devices simultaneously, making it ideal for camping, emergency preparedness, RV travel, and outdoor activities. Its pure sine wave AC output ensures stable power for sensitive electronics.

2. WHAT'S INCLUDED

Upon unboxing your SinKeu G600 Portable Power Station, please ensure all the following items are present:

- 1x SinKeu G600 Power Station
- 1x AC power adapter
- 1x car charging cable
- 1x User Manual

3. SETUP GUIDE

3.1 Initial Charging

Before first use, it is recommended to fully charge your SinKeu G600 Power Station. The unit can be charged using the included AC adapter, car charging cable, or a compatible solar panel (sold separately).

AC Wall Charging

Connect the AC power adapter to the input port on the power station and plug the adapter into a standard wall outlet. The

display will show the charging progress. It takes approximately 3.5 hours for a full charge.



Figure 3.1: The SinKeu G600 Power Station connected to a wall outlet for charging.

Solar Charging (Solar Panel Sold Separately)

For solar charging, connect a compatible 13-25V solar panel to the input port of the power station using the appropriate cable. Position the solar panel in direct sunlight for optimal charging efficiency. The built-in MPPT controller ensures faster solar recharging.

600W PEAK PURE SINE WAVE SOLAR GENERATOR

The image shows a group of people enjoying a picnic by a lake. In the foreground, a SinKeu G600 Power Station is connected to a mini fridge. The power station has a digital display and various output ports. The background shows a man playing a guitar and a woman holding a beer, with another person's arm raised in the air.

Device	Capacity	Usage
Phone	10Wh	22+ Times
Laptop	50Wh	5+ Times
Drone	30Wh	7+ Times
Camera	16Wh	16+ Times
Light	20W	11+ Hours
Mini Fridge	45W	5+ Hours
Fans	10W	25+ Hours
CPAP	30W	8+ Hours

Figure 3.2: The SinKeu G600 Power Station being charged by a solar panel in an outdoor setting.

Car Charging

Use the provided car charging cable to connect the power station to your vehicle's 12V car outlet. This method is convenient for recharging while on road trips or during commutes.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

To power on the unit, press and hold the main power button located on the front panel. The digital display will illuminate. To power off, press and hold the same button until the display turns off.

4.2 Output Ports

The SinKeu G600 offers multiple output options to power various devices:

- **2x Pure Sine Wave AC Outlets (110V/600W Max):** Ideal for laptops, small appliances, and other electronics requiring standard wall power.
- **2x Regulated DC Ports (12V/8A Max):** Suitable for devices like mini-fridges or car vacuums.
- **2x USB-C Ports (5V/3A, 9V/2A, 12V/1.5A):** For fast charging of compatible smartphones, tablets, and other USB-C devices.
- **1x QC3.0 Port (18W):** For quick charging of compatible devices.
- **1x USB Port (5V/2.4A):** Standard USB port for charging various USB-powered devices.
- **1x Car Port (12V/8A):** For devices that plug into a car's cigarette lighter socket.

MULTIPLE OUTPUTS AND QUICK CHARGE



Figure 4.1: Detailed view of the power station's various output ports for different devices.

4.3 LED Light Function

The power station features a super bright LED light on the back, which can be used as a lantern or flashlight. Press the dedicated light button to cycle through different brightness modes (30%, 60%, Full Brightness) and an SOS flashing mode for emergencies.

SUPER BRIGHT LED LIGHT LIT UP YOUR OUTDOOR NIGHT



Figure 4.2: The power station's LED light providing illumination in an outdoor camping scenario.

4.4 Wireless Charging

Place your Qi-compatible smartphone or device on the wireless charging pad located on the top of the power station. Ensure the device is properly aligned for efficient charging. The display may indicate wireless charging activity.

5. MAINTENANCE

To ensure optimal battery performance and longevity, follow these maintenance tips:

- **Regular Charging:** Recharge the power station at least once every 1-2 months, even if not in use.
- **Optimal Charge Level:** Maintain the battery power between 20% and 90% for best long-term health.
- **Storage:** Store the unit in a cool, dry place away from direct sunlight and extreme temperatures.

6. TROUBLESHOOTING

If you encounter issues with your SinKeu G600 Power Station, consider the following:

- **Unit Not Powering On:** Ensure the battery has sufficient charge. Connect to an AC outlet to charge.
- **No Output from Ports:** Verify that the specific output (AC, DC, USB) is activated via its respective button on the front panel. Check cable connections.
- **Overload Protection:** The BMS system includes overload protection. If an overload occurs, the unit may shut down. Disconnect the device causing the overload and restart the power station.
- **Overheating:** The unit has temperature control. If it overheats, it may reduce output or shut down. Allow it to cool down in a well-ventilated area.
- **Error Alarm:** If an error alarm sounds, refer to the user manual for specific error codes and recommended actions.
- **Internal Component Failure:** In rare cases, internal components like capacitors may fail after extended use. If you suspect an internal hardware issue, it is recommended to contact professional repair services or the manufacturer for assistance.

7. SPECIFICATIONS

Feature	Detail
Brand	SinKeu
Model Number	G600
Wattage	600 watts
Engine Power Maximum	750 Watts
Running Wattage	600 Watts
Starting Wattage	600 Watts
Fuel Type	Electric
Power Source	Solar Powered/Corded Electric
Voltage	110 Volts
Total Power Outlets	2 AC outlets + multiple USB/DC ports
Product Dimensions	11.2"L x 8.3"W x 7.8"H
Item Weight	12.57 pounds
Battery Type	Lithium Ion (296Wh/80000mAh)
Special Features	Digital Display, Overload Protection, Wireless Charging, BMS System

8. WARRANTY & SUPPORT

Your SinKeu G600 Portable Power Station comes with a user manual included in the package. For detailed warranty information and customer support, please refer to the documentation provided with your product or visit the official SinKeu store on Amazon. The seller for this product is SinKeu US. For additional support or inquiries, you may visit the [SinKeu Store](#).

ASK A QUESTION ABOUT THIS MANUAL

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Name

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question